

WHAT IS CLAIMED IS:

1. A printing system comprising a plurality of printers, a densitometer and a printer control unit, wherein each printer of said plurality of printers  
5 includes:

a printer head for printing at a density that is based upon print-density adjustment data applied thereto; and

- a first controller for controlling said printer  
10 head so as to print density adjustment paper that includes unique identification information, which is different from that of other printers among said plurality of printers, and density measurement information;

- said densitometer includes:

- a first reading unit for reading the identification information on the density adjustment paper that has been output from said printer and outputting data representing the read identification  
20 information; and

a second reading unit for reading the density measurement information on the density adjustment paper that has been output from said printer and outputting data representing a read density measurement value; and

- said printer control unit includes:

a generating unit for generating print-density adjustment data based upon density measurement data

that has been output from said second reading of said densitometer; and

a second controller for applying the print-density adjustment data generated by said generating unit to a printer, which is specified by identification information data that has been output from said first reading unit, from among said plurality of printers.

2. The system according to claim 1, wherein said first controller of each of the printers of said plurality of printers controls said printer head so as to print density adjustment paper that includes printer collateral information in addition to the identification information and density measurement information;

said densitometer includes a third reading unit for reading the printer collateral information of the density adjustment paper that has been output from said printer, and outputting data representing the read printer collateral information; and

said printer control unit includes an alert device for issuing an alert when printer collateral information that has been output from said third reading unit of said densitometer is not printer collateral information that was obtained from density adjustment paper printed last.